Title (en)

PRODUCTION OF HEXAVALENT CHROMIUM FOR USE IN CHLORATE CELLS

Publication

EP 0266128 A3 19881102 (EN)

Application

EP 87309335 A 19871022

Priority

CA 521737 A 19861029

Abstract (en)

[origin: EP0266128A2] By-product hypochlorite from the electrolytic production of chlorates, notably sodium chlorate, is used to form hexavalent chromium for use in the electrolysis process by oxidation of trivalent chromium compounds by the hypochlorite. The hypochlorite may be the condensate produced by treatment of the chlorate cell by-product gas stream and/or present in the cell liquor.

IPC 1-7

C25B 1/26; C25B 15/08; C01G 37/14

IPC 8 full level

C25B 15/08 (2006.01); **C01G 37/00** (2006.01); **C01G 37/033** (2006.01); **C01G 37/04** (2006.01); **C01G 37/14** (2006.01); **C25B 1/26** (2006.01); **C25B 15/00** (2006.01)

CPC (source: EP US)

C01G 37/00 (2013.01 - EP US); **C01G 37/033** (2013.01 - EP US); **C01G 37/04** (2013.01 - EP US); **C01G 37/14** (2013.01 - EP US); **C25B 1/265** (2013.01 - EP US)

Citation (search report)

- [X] DE 3032131 A1 19810319 - CHEMETICS INT
- [X] DE 3032139 A1 19810319 - CHEMETICS INT
- [A] US 4376099 A 19830308 - YAMAMOTO HIDEO [JP], et al
- [A] EP 0025334 A1 19810318 - OLIN CORP [US]

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WO2012084765A1; EA025314B1

Designated contracting state (EPC)

CH ES FR LI SE

DOCDB simple family (publication)

EP 0266128 A2 19880504; **EP 0266128 A3 19881102**; AU 595652 B2 19900405; AU 8042487 A 19880505; BR 8705743 A 19880531; CA 1252752 A 19890418; FI 874698 A0 19871026; FI 874698 A 19880430; JP H0122356 B2 19890426; JP S63118086 A 19880523; NZ 222178 A 19901026; PT 86004 A 19871101; PT 86004 B 19901120; US 4773974 A 19880927; ZA 877764 B 19880420

DOCDB simple family (application)

EP 87309335 A 19871022; AU 8042487 A 19871028; BR 8705743 A 19871028; CA 521737 A 19861029; FI 874698 A 19871026; JP 27198887 A 19871029; NZ 22217887 A 19871015; PT 8600487 A 19871027; US 92457286 A 19861029; ZA 877764 A 19871015